



CALIFORNIA BUILDING CODE (2006 IBC) PUBLIC PROPOSAL FORM

PLEASE SEE REVERSE FOR INSTRUCTIONS ON SUBMITTING PUBLIC PROPOSALS. PROPOSALS MUST COMPLY WITH THESE INSTRUCTIONS.

- 1) Indicate the format in which you would like to receive your Public Proposals Monograph (PPM), Report of the Hearing (ROH) and Final Action Agenda (FAA):

☒ Paper ☐ * CD ☐ *Download from ICC Website

(*Note: A paper copy will not be sent to you if you have chosen the CD or Download format.)

- 2) PLEASE TYPE OR PRINT CLEARLY: FORMS WILL BE RETURNED if they contain unreadable information.

Name:	Rick Thornberry, P.E.				Date:	12-23-05
Jurisdiction/Company:	The Code Consortium, Inc.					
Submitted on Behalf of:	Alliance for Fire and Smoke Containment and Control (AFSCC)					
Address:	2724 Elks Way					
City:	Napa	State:	CA	Zip +4:	94558-3500	
Phone:	(707) 253-2633	Ext:		Fax:	(707) 253-2639	
e-mail:	thecodeinc@aol.com					

- 3) *Signature: _____ ☒ Signature on File (see over)

** I hereby grant and assign to ICC all nonexclusive rights in copyright I may have in any authorship contributions I make to ICC in connection with this proposal. I understand that I will have no rights in any ICC publications that use such contributions in the form submitted by me or another similar form and certify that such contributions are not protected by the copyright of any other person or entity.*

- 4) Cost Impact: Indicate if this Proposal: ☐ will ☐ will not increase the cost of construction.

- 5) Indicate appropriate International Code(s) associated with this Public Proposal – Please use Acronym:

IBC

If you have also submitted a separate coordination change to another I-Code, please indicate the code: _____
(See back of this form for list of names and acronyms for the International Codes).

- 6) Revision to: ☒ Section 507.8 ☐ Table _____ ☐ Figure _____

- 7) PROPOSAL Please check appropriate box:

☒ Revise as follows: ☐ Add new text as follows ☐ Delete and substitute as follows: ☐ Delete without Substitution(s):

Show the proposed NEW, REVISED or DELETED TEXT in legislative format: ~~Line through text to be deleted.~~ Underline text to be added.

507.8 Group E buildings. The area of a one-story Group E building of Type II, IIIA or IV construction shall not be limited when the following criteria are met:

1. Each classroom shall have not less than two means of egress, with one of the means of egress being a direct exit to the outside of the building complying with Section 1017.
2. The building is equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.
3. The building is surrounded and adjoined by public ways or yards not less than 60 feet (18 288 mm) in width.

☐ PROPOSAL Continued (Attach additional sheets as necessary)

- 8) SUPPORTING INFORMATION (State purpose and reason, and provide substantiation to support proposed change):

It should be noted that the 1997 UBC which does not allow unlimited area buildings of a Group E occupancy unless they are constructed of Type I-F.R. construction which is comparable to Type IA of the IBC which also allows an unlimited area building for a Group E occupancy. It should also be noted that the IBC allows a Group E occupancy building to be of unlimited area (up to five stories in height) when constructed of Type IB construction. That construction type is comparable to Type II-F.R. construction in the UBC.

This is basically a property protection issue. Group E buildings are school buildings which are very essential to any community. To allow one-story school buildings to be constructed of unlimited area of Type IIB (UBC Type II-N) unprotected construction appears to be "putting too many eggs in one basket." For these very large school buildings, some degree of passive built-in fire resistive protection should be provided to compartmentize the building and help maintain its structural integrity in the event that a fire should occur when the sprinkler system is not fully operational or if an arson attempt is made to burn the school down.

Although this section limits the types of construction to protected Types IIIA (UBC Type III-One hour) and IV (heavy timber), it allows Type II which can be Type IIB (UBC Type II-N) which is unprotected noncombustible construction, as well as Type IIA (UBC Type II-One hour). This amendment will eliminate the use of Type IIB.

Furthermore, should the automatic sprinkler system be operating properly when teamed up with built-in fire resistive protection of the building structure, it can virtually be assured that the school would suffer very minimal damage and would be in operation shortly after any fire event. Since schools are a very important community resource, we believe it is important that they be provided with some degree of built-in fire resistive protection when they become very large in area.

As a comparison to the present allowable areas for a Group E school building of one story of other than unlimited area, the IBC would allow a Type IIB construction building to have a maximum area of 79,750 sq. ft. when the building is protected with an automatic sprinkler system and at least 60 ft. of open space is provided around the entire building perimeter. Certainly, that is a large enough building to allow to be so constructed without additional fire resistive protection built in.



SUPPORTING INFORMATION *Continued* (Attach additional sheets as necessary)